

INTERNATIONAL SEARCH REPORT

International Application No

PCT/FI2004/050097

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 D21G1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 D21G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 189 442 B1 (HONKALAMPI PETTER ET AL) 20 February 2001 (2001-02-20) cited in the application abstract; figures column 10, line 38 - line 65	1,6
A	DE 44 37 533 A (VOITH GMBH J M) 25 April 1996 (1996-04-25) the whole document	1,6

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

23 September 2004

Date of mailing of the international search report

01/10/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Helpiö, T.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/FI2004/050097

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6189442	B1	20-02-2001	AT 3331 U1	25-01-2000
			DE 29902436 U1	08-07-1999
			JP 2000178893 A	27-06-2000
			US 6158333 A	12-12-2000
DE 4437533	A	25-04-1996	DE 4437533 A1	25-04-1996
			CA 2179493 A1	02-05-1996
			WO 9612850 A1	02-05-1996
			FI 962548 A	19-06-1996
			JP 9511287 T	11-11-1997